

NOWOSAD, Kazimierz; RUMYANTSEV, Felicjan; WOJciechowicz, Andrzej

ABO blood group distribution in sera of patients with TB and
Ginek. Pol. 36 no. 1; p. 47-52 1964.

1. z Kliniki Polonistycznej Szpitala Kolejowego im. M. Gorkiego
we Wrocławiu (Kierownik: prof. dr. med. A. Nowosad).

BALBIERZ, H.; BARNECKI, W.; BIELICKI, Franciszek; CZYZEWSKI, Kazimierz;
NOWOSAD, R.; SKORA, Klemens

Concentration of I-131 in the thyroid after methylthiouracil,
vitamin A and potassium bromide. Endodr. pol. 13 no.1:81-86
'62.

1. I Klinika Chirurgiczna A.M. we Wrocławiu Kierownik: prof. dr
K.Czyżewski Katedra Fizjopatologii Wydz. Wet. Wyższej Szkoły Rolniczej
we Wrocławiu Kierownik: Zast. - prof. dr. W.Barnecki.
(THYROID GLAND metab) (IODINE metab)
(THIOURACIL pharmacol) (BROMIDES pharmacol) (VITAMIN A pharmacol)

WASOWSKI, Jacek, Ph.D.; NFO AP, Warsaw, mgr inz.

Increased temperature of the heating medium and preservation
of the right characteristics of the microclimate. Gaz woda
techn. sufit 38 no.3:26-90 Mr. '64

1. Plumbing department, Institute of Construction Engineering,
Warsaw.

COUNTRY : U.S.S.R.
CATE. OF : Farm animals.
TYPE : Swine.
YEAR, JOURNAL : AGROBIL., No. 3, 1959, No. 1207.
ADDRESS : Leningrad, Finno
TITLE : A Summary of Data on the Fertility Control in
Swine.
CITE. PUB. : Agro. zhurn. pochvoved., 1957, 371, No. 3,
p. 3-11.
ABSTRACT : Data are presented on the fertility of large
white and Kulavskaya breeds of swine for a
certain period (from 1949 to 1957). It was
determined that the average fertility of sows
of the large white breed amounted to 16.7
piglets, the average number of surviving
piglets to 12.5, and the productivity to 42.7% etc.,
the average piglet's weight at birth c. 1.18
kg. For the sows of the Kulavskaya breed those
indicators amounted correspondingly to 8.06,
6.62, 3.11, 1.0%.

CARD: 1/1

52

*DERUS DIVA,
NOWOSIELECKA, E.*

Leukocyte index in diphtheria and tonsillitis. Pat. polska 4 no.3:
195-208 July-Sept 1953. (CLML 25:4)

1. Of the Third Internal Clinic (Head--Prof. E. Szczeklik, M.D.) of
Wroclaw Medical Academy, the Department (Head--Bandler, M.D.) of
Wroclaw Municipal Infectious Hospital, and of Lublin District Hospital
(Director--J. Demski).

HOWOSIELECKA-DERUSOWA, Iwa

Use of nitroglycerin ointment in the treatment of coronary disease.
Polski tygod.lek. 13 no.22:845-847 2 June 58.

l. Z III C Kliniki Chorob Wewnętrznych Sz. A.M. w Bytomiu; kierownik:
prof. dr med. Kornel Gibinski. Adres: Bytom ul. Batorego 15. III Klinika
Chorob Wewnętrznych Sz. A.M.

(NITRITES, ther. use

glyceryltrinitrate ointment in coronary dis. (Pol))

(CORONARY DISEASES, ther.

glyceryltrinitrate ointment (Pol))

NOWOSIELICKA-JERUSOWA, Ewa; SKOTNICKA, Barbara

Further clinical and experimental studies on lipemia in obliterative
vascular changes. Polskie arch.med.wewnetrz. 29 no.12: 1645-1654 '59.

1. Z III Kliniki Chorob Wewnętrznych Sz.A.M. w Bytomiu. Kierownik:
prof. dr. med. K. Gibinski.
(LIPIDS blood)
(ARTERIOSCLEROSIS blood)
(THROMBOANGIITIS OBLITERANS blood)

NOWOSIELSKA-DERUSOWA, Ewa; HERMAN, Zbigniew; GIBINSKI, Kornel

Studies on the ulcerogenic mechanisms of the effect of corticosteroids.
Pol. tyg. lek. 22 no.23:906-910 4 Je '62.

1. Z III Kliniki Chorob Wewnętrznych Sz. AM w Bytomiu; kierownik: prof.
dr med. Kornel Gibinski.
(ADRENAL CORTEX HORMONES toxicol) (PEPTIC ULCER exper)

EXCERPTA MEDICA Sec 4 Vol 12/10 Medical Microb. Oct 59

3076. ANTIBIOTIC RESISTANCE OF STAPHYLOCOCCI IN THE YEARS 1955-1957 - Oporność gronkowca na antybiotyki w latach 1955-1957 - Zgórniak-Nowosielska I. and Doleżal M. Zakt. Mikrobiol. Lek. A. M. Kraków - POL. TYG. LEK. 1959, 14/2 (75-80) Graphs 2 Tables 5

During the period 1.10.1955-31.12.1957, 1,341 different staphylococcus strains were cultured from material obtained from several clinics in Cracow. These included 1,151 strains of Staph. albus, 900 (67.2%) of these strains being resistant to penicillin, 422 (31.4%) to streptomycin, 292 (21.78%) to chlortetracycline, 302 (22.49%) to oxytetracycline, and 187 (13.95%) to chloramphenicol. A kind of stabilization of resistance to penicillin, and an increase in resistance to the other 4 antibiotics was found. With the aim of determining the increase in antibiotic-resistance in relation to time, the results were analysed quarterly. A marked increase in resistance to streptomycin and chlortetracycline was found, as well as an increase in the number of strains resistant to 4 or 5 antibiotics simultaneously (from 0% in the 4th quarter of 1955, to 14.23% in the last quarter of 1957). The correlation between the antibiotic-resistance and the origin of the material was also analysed. The most marked antibiotic resistance was found in material from conjunctivae (penicillin excepted; for the remaining 4 antibiotics, in 50-52.7%). A high proportion of antibiotic-resistant strains was also found among strains obtained from the naso-pharyngeal cavity, and faeces. A correlation between the resistance to oxytetracycline and chlortetracycline was found, the strains resistant to these antibiotics also being resistant to penicillin. Streptomycin-resistant strains were, with rare exceptions, also penicillin-resistant.

(L, 4)

GUTOWSKI, Boleslaw; BAREJ, Wieslaw; TEMLER, Anna; NOWOSIELSKA, Irwina

Studies on the content of the rumen in cattle. II. Volatile fatty acids and nitrogen compounds in liquid contents of the rumen and free amino acids in the blood of calves fed green lucerne. Acta physiol.polon. 12 no.1:119-128 Ja-F '60.

1. Z Katedry Fizjologii Zwierząt S.G.G.W. w Warszawie. Kierownik:
prof.dr B. Gutowski.

(STOMACH physiol.)
(FATTY ACIDS)
(NITROGEN)
(AMINO ACIDS blood)

Nowocieleska, Ludwika

Evaporation rate of Wieliczka brines. Zenon Czerwiński
and Ludwika Nowocieleska. *Przegląd Górnictwa* 9(40), 146-
150. Differences in chem. compn. found in the samples affected the process of formation of cryst.
surface. The tendency to form a cryst. surface could be depressed by strong acids, which lower the pH of the brine,
capillary active bodies, electrophoresis of the brines, and
complex salts contg. "high-valent" cations which, by their
hydrolysis, form adsorptive substances and acidify the brine.
Acid brine does not contain HCO_3^- ions, which are per-
dominantly responsible for skin formation. The above fac-
tors have little effect when thermovacuum crystn. is applied
Adam J. Pilar

MOWOSIELSKI, E.

"Plans for organizational and economic regulation of collective farms in 1954."
Nowe Rolnictwo, Warsaw, Vol 3, No 7, July 1954, p. 72

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

NOWOSIELSKI, E.

NOWOSIELSKI, E., Localization of noncollective lands in the process of
organizing a land area with a collective farm. p. 217.

Vol. 11, no. 7, July 1955, Warszawa, Poland, SCIENCE

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, No. 23 Febra 1956

WOWOSIELSKI, E.

Scientific-technical conference in Bulgaria. p. 402

PRZEGŁAD GEODEZYJNY. (Stowarzyszenie Naukowe-Techniczne Geodetów Polskich)
Warszawa. Vol. 15, no. 10, October 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

NOWOSIELSKI, Emil, mgr., inz.

Soil quality maps, scale 1: 25,000. Przegl geod 32 no.7:242-
244 Jl '60.

S/035/62/000/005/072/098
A055/A101

AUTHOR: Nowosielski, E.

TITLE: On some problems concerning geodesy and organization of land
exploitation in the USSR

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 5, 1962, 10,
abstract 5G44 ("Przegl. geod.", 1961, 33, no. 10, 353-356, Polish)

TEXT: In June 1961, a group of workers of the Management of the organiza-
tion of land exploitation of the Ministry of Agriculture of Poland visited the
Soviet Union in order to get acquainted with the organization of the land-ex-
ploitation works and of the land-exploitation service in the USSR. It is pointed
out that the Soviet specialists showed particular goodwill and sincerity in
giving information on all the problems that interested the Polish delegation.
The delegation was keenly interested in the classification of soils, in the use
of aerophotographic surveys, photo-diagrams and photo-plans for the purposes of
the organization of land exploitation; it was as keenly interested in the
organization of the land-exploitation service and in the problem of higher educa-
tion in the land-exploitation organization speciality. ✓
[Abstracter's note: Complete translation] Yu. Khmelevskiy

Card 1/1

8/035/62/000/012/030/064
A001/A101

AUTHOR: Nowosielski, Emil

TITLE: Reorganization of geodetic service in agriculture

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 1,
abstract 12G2 ("Przegl. geod.", 1962, v. 34, no. 6, 236 - 238,
Polish)

TEXT: The experience of geodetic service operations in the agriculture
of Poland has shown that this service cannot meet requirements of agriculture
and forestry in respect to geodetic and cartographic materials, while it re-
mains a constituent part of various agricultural sections (provincial, municipal,
regional). Therefore, it was decided to reorganize service in agriculture start-
ing from January 1, 1962, and to single it out into an independent organization
"Bureau of geodetic works and organization of agricultural territories". This
Bureau should be subordinated to the Head of the department of agriculture and
forestry at the presidium of a provincial or regional Narodnyy sovet (People's
council). The new structure of geodetic service in agriculture is presented.

[Abstracter's note: Complete translation]
Card 1/1

R. Tsvetkova

NOWOSIELSKI, Emil, mgr inz.

Regional conferences of managing authorities of the provincial agencies
for surveying and developing agricultural areas. Przegl geod 34 no.8:
333-334 Ag '62.

NOWOSIELSKI, Emil, mgr inz.

Statute of June 29, 1963 on the Restriction of dividing
farms. Przegl geod 35 no. 10:432-434 0 '63.

Nowosielski, Emil, mgr inz.

Conferences on surveying in the administration of agriculture.
Przegl. geod. 36, no. 6:227-228 Ja '64.

MALINOWSKI, Zbigniew; SZYMENDERA, Janusz; TOLWINSKI, Jerzy; MALINOWSKA,
Janina; NOWOSIELSKI, Janusz; MAKOLSKA, Joanna; JASINSKI,
Wladyslaw

Ca-47 turnover in a healthy man. Nowotwory 12 no.4: 335-340 '62.

1. z Zakladu Izotopowego Instytutu Onkologii w Warszawie Kierownik:
prof. dr med. W. Jasinski Dyrektor: prof. dr med. W. Jasinski.
(CALCIUM)

NOWOSIELSKI, KAROL

15 7

Coating glass objects with silver. Karol Nowosielski.
Witko i Ceram., 74-6(1958). Several expts. on coating
decorative glass objects with Ag are described. The best
results have been obtained at 45-50°, in 70-80 sec., in a
soln. composed of: 1 l. H₂O, 6 g. AgNO₃, 6 g. NaOH, 30 ml.
of 25% aq. NH₃, and 0.36 ml. 1% soln. of I in EtOH.

J. Stecki

3

1-HE2c

RM

NOWOSIELSKI, O.

"Bacteriological fertilizing." pl 6
(Plon, Vol 4, No 1, Jan 53, Warszawa)

SO: Monthly List of East European Acquisitions, Vol 2 No 9 Library of Congress Sept 53 Unclassified

Nowosielski, O.

A
✓ Rapid evaluation of phosphorus fertilizers by the use of
the fungus *Cunninghamella elegans*. M. Gorski and O.
Nowosielski (Szkoła Główna Gospod. Wiejskiego, Warsaw).
Krózynki Nauk Rolniczych 71, Ser. A, 305-10 (1955).—Some
improvements have been introduced into the biol. method for
evaluating P fertilizers as applied by Mooers (*C.A.* 33,
2867). It was found that for microexpts. 15 mg. of P_2O_5
for 100 g. of soil must be used. The higher the degree of
grinding of the P fertilizer the higher is the accessibility of
P to the fungus. The evaluation of the P fertilizer's action
on higher plants by the above method can be considered
approximate only. F. J. Hendel

(1)

NOWOSIELSKI, Olgierd

The problem of sulfur available in Polish soils. I. The available sulfur content in relation to the soil type and fertilization. Rocznik nauk roln. rosl 84 no.1:35-62 '61.

NOWOSIELSKI, Olgierd

Application of the simplified Aspergillus niger method for
chemical analysis of agricultural materials. Rocznik nauk roln
rosł 87 no.2:201-227 '63.

1. Zaklad Chemii Rolniczej, Szkoła Główna Gospodarstwa
Wiejskiego, Warszawa. Kierownik: prof. dr M. Gorski.

NOWOSIELSKI, Olgierd

Biological properties of the fungus Aspergillus niger and
its usefulness for the determination of soil elements. Roczn
nauk roln rosl 87 no.2:229-249 '63.

1. Zaklad Chemii Rolniczej, Szkoła Główna Gospodarstwa
Wiejskiego, Warszawa.

NOWOSIELSKI, Olgierd

Joint determination of several accessible elements with the
use of Aspergillus niger. Pt.1. Rocznik nauk roln.-rosl. 87 no.4:
595-607 '63.

1. Zaklad Chemii Rolniczej, Szkoła Główna Gospodarstwa Wiejskiego,
Warszawa.

NOWOSIELSKI, O.; SKLODOWSKI, P.

Influence of time of soil sampling and length of sample storage on
the results of determining the available nitrogen, phosphorus, and
potassium in differently fertilized soil, by the Aspergillus niger
method. Rocznik roln. 88 no.1:121-134 '63.

NOWOSIELSKI, Olgierd

Quantitative determination of accessible phosphorus and potassium
in soil by using Aspergillus niger. Roczn. nauk roln. rosi 89 no.1:
157-165 '64.

1. Institute of Agricultural Chemistry, Main School of Rural
Economy, Warsaw.

NOWOSIELSKI, St., mgr. inz.

Feeding the quartz lamp. Wiad elektrotech 32 [i.e. 31] no.8:
200 Ag '63.

NOWOSIELSKI, Stanislaw, mgr inz.

A quartz lamp burner. Wiad elektrotechn 32 no. 1:30 Ja '64.

ZDZIENICKI, Stanislaw; NOWOSIELSKI, Tadeusz.

Eggs of gastrointestinal parasites on vegetables from Warsaw
markets. Wiadomosci parazyt., Warsz. 6 no.1:67-69 '60.
(VEGETABLES parasitol.)
(HELMINTHS)

CZAPLICKI, Slywester; NOWOSLAWSKI, Adam

Primary recurrent phlebitis. Polski tygod.lek. 10 no.15:466-469
12 Apr 55.

1. Z Oddzialu Wewnetrznego Szpitala MON, kierownik: prof. dr med.
Mieczyslaw Feigin i z Zakladu Anatomi Patologicznej A.M. w War-
szawie; kierownik: prof. dr med. Ludwik Paszkiewicz. Warszawa,
Szpital M.O.N.

(PHLEBITIS,
primary, recur.)

SZNAJDERMAN, Marek, NOWOSLAWSKI, Adam

Case of dermatomyositis treated by ACTH & cortisone. Polski tygod.
lek. 13 no.178638-641 28 Apr 58

1. (Z II Kliniki Chorob Wewnętrznych AM w Warszawie; kierownik
prof. dr med. D. Aleksandrow i z Zakładu Anatomii Patologicznej
AM w Warszawie; kierownik prof. dr nauk med. L. Paszkiewicz) adresat
Warszawa, ul. Nowogrodzka 59, II Klinika Chor. Wewn. A.M.

(Dermatomyositis, therapy.
ACTH & cortisone (Pol))
(ACTH, ther. use,
dermatomyositis (Pol))
(CORTISONE, ther. use.
same (Pol))

BRZOSKO, Witold; NOWOSLAWSKI, Adam

An immuno-histochemical method. Polski tygod. lek. 14 no.29:1366-
1372 20 July 59.

1. (Z Zakladu Anatomii Patologicznej Ak. Med. w Warszawie, kierownik:
prof. dr n. med. Ludwik Paszkiewicz).
(ANTIGENS, chem.)

BRZOSKO, Witold; NOWOSLAWSKI, Adam

Selected problems in renal pathology in the light of immunohistochemical studies. I. Polski tygod.lek. 15 no.52:1998-2003 26 § '60.

1. Z Pracowni Immunohistochemistry Zakladu Anatomii Patologicznej
A.M. w Warszawie; kierownik: prof. dr med. Janina Dabrowska.

(NEPHROSIS immunol)

(NEPHROTIC SYNDROME immunol)

(GAMMA GLOBULIN chem)

NOWOSIAWSKI, Adam; BRZOSKO, Witold

Immunohistochemical studies on the presence of gamma globulin in
amyloid deposits. Pat. polska 12 no.2:137-142 '61.

1. Z Zakladu Anatomii Patologicznej Akademii Medycznej w Warszawie
Kierownik: prof. dr Janina Dabrowska

(AMYLOID SUBSTANCES chem)
(GAMMA GLOBULIN chem)

NOWOSLAWSKI, Adam; BRZOSKO, Witold; DYMOWSKA, Zofia

Detection of Toxoplasma gondii with the aid of an immunohistochemical method. Przegl. epidem. 15 no.3:331 '61.

I. z Zakladu Anatomii Patoloticznej AM w Warszawie i Zakadu Parazytologii Lekarskiej PZH.
(TOXOPLASMA)

ALEKSANDROW, D.; BACZKO, A.; NOWOSLAWSKI, A.

An attempt to produce coronary atherosclerosis and myocardial infarction in the rat. Bul Ac Pol biol 10 no.7:271-274 '62.

1. Second Medical Clinic, School of Medicine, Warsaw and Department of Pathological Anatomy, School of Medicine, Warsaw.
Presented by L.Paszkiewicz.

NOWOSLAWSKI, Adam; BRZOSKO, Witold; DYMOWSKA, Zofia

Use of labeled antibodies in the study of Toxoplasma gondii. Pol. tyg.
lek. 17 no.19:745-747 7 My '62.

1. Z Zakladu Anatomii Patologicznej AM w Warszawie; p.o. kierownika:
doc. dr med. R. Stanczykowa i z Zakladu Parazytologii Lekarskiej
PZH w Warszawie; kierownik: dr Z. Dymowska.

(TOXOPLASMA) (ANTIBODIES)

NOWOSLAWSKI, Adam

Immunohistochemical studies on the presence and distribution of serum proteins in foci of early arteriosclerotic changes in the coronary arteries. Rozpr. wydz.nauk. med. 8 no.2:137-171 '63.

1. St. asystent Zakladu Anatomii Patologicznej AM w Warszawie.

*

BALUKIEWICZ, Irena; CHROSCICKI, Antoni; NOWOSLAWSKI, Adam

Primary "idiopathic" pulmonary hypertension. Pediat. pol.
38 no.3:299-308 '63.

1. w I Kliniki Pediatricznej AM w Warszawie Kierownik: prof.
dr med. R. Baranski z Pracowni Kardiologicznej Kierownik:
doc. dr med. A. Chroscicki i z Zakladu Anatomii Patologicznej
AM w Warszawie p.o. Kierownika: doc. dr med. R. Stanczykowa.
(HYPERTENSION, PULMONARY)
(HEART DEFECTS, CONGENITAL)

BRZOSKO, Witold; CHORZELSKI, Tadeusz; MADALINSKI, Kazimierz, NOWOSLAWSKI, Adam.

Immunofluorescence in the diagnosis of disseminated lupus erythematosus. Pol. tyg. lek. 19 no.25:942-944 15Je'64

1. Z Zakladu Anatomii Patologicznej AM w Warszawie; (p.o. kierownik: doc. dr. med. R. Stan'czykowa) i z Kliniki Dermatologicznej Akademii Medycznej w Warszawie (kierownik: prof. dr. med. S.Jablonska.

MASSALSKI, Wandalin; MLODZKI, Miroslaw; BRZOSKO, Witold; NOWOSLAWSKI,
Adam

Immunofluorescence reactions during the administration of I-131.
Pol. tyg. lek. 19 no.42:1596-1599 19 0 '64

1. Z I Kliniki Chorob Wewnetrznych Studium Doskonalenia Lekarzy
w Warszawie (kierownik: prof. dr. med. W. Hartwig) oraz z
Zakladu Anatomii Patologicznej Akademii Medycznej w Warszawie
(p.o. kierownika: doc. dr. med. R. Stanczykowa).

BRZOSKO, W.J.; NOWOSLAWSKI, A.

Identification of *Pneumocystis carinii* antigens in tissues.
Bull. acad. Pol. sci. [Biol.] 13 no.1:49-54 '65.

1. Submitted on October 29, 1964.

BRZOSKO, Witold; NOWOSLAWSKI, Adam; PISARSKI, Tadeusz

Immunohistochemical analysis of fibrinoid masses in the human
placenta. Ginek. Pol. 36 no.2:121-130 F 1965

1. Z Zakladu Anatomii Patologicznej Akademii Medycznej w
Warszawie (Kierownik: prof. dr. med. J. Granczewska);
i Kliniki Położnictwa i Chorób Kobiecych Akademii Medycznej
w Poznaniu (Kierownik: prof. dr. med. W. Michalkiewicz).

MADALINSKI, Kazimierz; BRZOSKO, Witold; NOWOSLAWSKI, Adam;
MICHALOWSKI, Adam; JASINSKA, Janina

Studies on phytohaemagglutinin. I. The identity of agglutinating
and mitogenic fractions. Med. dosw. mikrobiol. 17 no.2:173-177
'65.

1. Z Pracowni Patologii Panstwowego Zakladu Higieny w Warszawie
(Kierownik: dr. med. A. Nowoslawski) i Zakladu Radiobiologii
Inatytytu Onkologii w Warszawie (Kierownik: dr. med. A. Micha-
lowski).

MICHALOWSKI, Adam; JASINSKA, Janina; BRZOSKO, Witold J.; NOWOSLAWSKI, Adam

Studies on phytohaemagglutinin. II. Cellular localization of
phytohemagglutinins in human leucocyte cultures by immuno-
histochemical methods. Med. dosw. mikrobiol. 17 no.2:179-183
'65.

1. Z Zakladu Radiobiologii Instytutu Onkologii w Warszawie
(Kierownik: dr. med. A. Michalowski) i Pracowni iatologii
Panstwowego Zakladu Higieny w Warszawie (Kierownik: dr. med.
A. Nowoslawski).

MAZUROWSKI, Witold; NOWOSLAWSKI, Adam

A case of echinococcosis of the 3rd ventricle with signs of a tumor of the posterior cranial fossa. Neurol., neurochir., psychiat. Pol. 15 no.1:187-190 Ja-F'65.

1. Z Kliniki Neurochirurgii Akademii Medycznej w Warszawie i z Oddzialu Neurochirurgii Polskiej Akademii Nauk w Warszawie (Kierownik: prof. dr. med. L. Stepien) oraz z Zakladu Anatomii Patologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. J. Groniowski).

NOWOSLAWSKI, Adam; BRZOSKO, Witold

Immunohistochemical analysis of amyloid. Pat. Pol. 16 no.2:
205-214 Ap-Je '65.

1. Z Zakladu Anatomii Patologicznej AM w Warszawie (Kierownik:
prof. dr. med. J. Groniowski.

KOWALCZYK, Jerzy, dr inz., adiunkt; NOWOSZ-ARKUSZEWSKA, Irena, mgr inz.,
st. asystent

Chemical structure and chromatographic behavior of organic
compounds. Wiad chem 18 no. 5:291-311 Maj '64

1. Department of Technical Analysis and Technical Commodities,
Technical University, Gdansk.

LICHT, E.; WYSOCKA-IGNATOWSKA, Z. ~~NOVOTARSKA, T.~~

Skin tests with distrentase as one of diagnostic methods in rheumatic disease. Pediat. polska 34 no.9:1147-1152 Sept 59.

l. Z II Kliniki Chorob Dzieci P. A. M. w Szczecinie Kierownik: prof.
dr med. B. Gornicki.

(STREPTODORNASE AND STREPTOKINASE)
(RHEUMATIC FEVER, diag.)

GELBER, Jersy; LICHT, Edward; NOWOTARSKA, Teresa; MAJCZUK, Stanislawa;
RYDZIENSKA, Elsbeta

Contribution to the problem of allergy in scarlet fever. Przegl. epidem.
15 no.4:415-422 '61.

1. Z II Kliniki Pediatricznej PAM w Szczecinie Kierownik Kliniki: Prof.
dr B. Gornicki i z Oddzialu Dziecięcego Woj. Szpitala Zakaznego w
Szczecinie Ordynator Oddzialu: Dr med. J. Gelber.

(SCARLET FEVER) (ALLERGY in inf & child)

NIECZAJEW, Andrzej; LICHT, Edward; FIEDOROWICZ, Irena; NOWOTARSKA, Teresa

Value of latex test in the diagnosis of rheumatic diseases. Polski
tygod. lek. 16 no.13:479-482 27 Mr '61.

(RHEUMATISM diag)

LICHT, E.; WYSOCKA-IGNATOWSKA, Z.; NOWOTARSKA, T.; RYDZEWSKA, E.

Evaluation of streptokinase skin test, erythrocyte sedimentation
and antistreptolysin test in rheumatic disease in children.
Pediat. polska 36 no.4:381-386 '61.

1. Z II Kliniki Chorob Dzieci PAM w Szczecinie Kierownik: prof.
dr med. B. Gornicki.

(RHEUMATISM diag) (BLOOD SEDIMENTATION)
(STREPTOKINASE) (ANTISTREPTOLYSIN)

PROCHOROW, Maria; NOWOTARSKA, Teresa

4 cases of naphthalene poisoning in infants. med. sci. 4
no.9:999-1000 S '65.

1. Z II Kliniki Pediatricznej Pomorskiej AM w Szczecinie
(Kierownik: doc. dr. med. A. Marks-Nakrochowska).

HOMOTARSKI, J.; MITEK, A.

The World Jiliing Championship was a bad example for temporary racing equipment.
p. 13.

SERZDŁATA POLSKA. (Liga Lotnicza) Warszawa, Poland.
Vol.11, no.30, July 1955.

Monthly list of East European Accessions (EDAI) LC, Vol.9, no.1, Jan. 1955.
Incl.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001237620003-7

Katowice, Poland, 1981

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001237620003-7"

33833

S/137/62/000/001/166/237
A006/A101

18.11.50

AUTHORS: Babiński, W., Nowotarski, J.

TITLE: Iron-Nickel-Cobalt alloy for junctions with solid glass. Part I, II.

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 53, abstract 11372 ("Rudy i metale nieżel", 1960, v. 5, no. 10, 412-417; no. 11, 464-469, Polish; Russian, English, French, German, summaries)

TEXT: The authors analyze characteristics of metals and alloys employed for a junction with glass; requirements to same; glass types used in the production of lamps; types of metal-glass junction. The properties, structure and production of Fe-Ni-Co alloys are discussed; the properties of a Fe-Ni-Co alloy, developed in the Polish People's Republic, are given; it contains in %: Ni 28.5 - 29.5; Co 16.5 (45.5 ± 0.5 Ni + Co), Fe - the rest. It is mentioned that semiproducts (strip and wire) can be obtained from ingots melted in open induction furnaces, if the technical conditions are strictly observed (melting mechanical treatment). A method is given for estimating errors in the determination of the linear expansion coefficient of the alloy, on the basis of a

Card 1/2

Iron-Nickel-Cobalt alloy ...

33833
S/137/62/000/001/166/237
A006/A101

dilatometric diagram. A method is described for measuring the stresses in metal-glass junctions by the optical method. There are 17 references.

P. Parkhutik

[Abstracter's note: Complete translation]

X

Card 2/2

NOWOTARSKI, S.

Modern method of speedy shaft building. Buletyn GLOW. p.22
(PRZEGŁAD GÓRNICZY, Vol. 12, No.5, May 1957, Stalinogrod, Poland)

SO: Monthly List of East European Accessions (ETAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

GELBER, Jerzy; KACZMAREK, Danuta; MAJ, Janina; NOWOTKO, Urszula

Blood coagulation disorders in infectious hepatitis in children.
Prezegl. epidem. 16 no.2:159-166 '62.

l. Z I Kliniki Pediatrycznej PAM w Szczecinie Kierownik: doc. dr.
J. Starkiewiczowa i z Oddzialu Dzieciecego Woj. Szpitala Zakaznego
w Szczecinie Dyrektor: dr M. Habela.

(HEPATITIS INFECTIOUS blood) (BLOOD COAGULATION)

NOWOTNA-WALCOWA R. I Klin. Chor. wewn. Akad. med. Warszawa. Eozynofilia rodzinna
Familial eosinophilia Polsk. Tyz. lek. 1953, 8/19 (691-695) Tables 1
The case was followed-up for 1 yr. The eosinophilia reached 71% of the white cells
in the peripheral blood and 44.3% in the bone marrow. The highest values were ob-
served after liver extract injections. After 1 yr. there were 26% of eosinophils.
Prior to clinical examination the patient had always had %; her sister and daughter
have an eosinophilia of 7%.

SO: EXCERPTA MEDICA, Vol. 6, No. 2, Section VI, February 1954

NOWOTNA-WALCOWA, ROZA

ZGLICZYSKI, Szczesny Leszek; NOWOTNA-WALCOWA, Roza

Case of congenital dilatation of the arch of the descending aorta.
Polskie arch. med. wewnetrz. 24 no.2:209-212 1954.

1. Z Zakladu Radiologii Lekarskiej Akademii Medycznej w Warszawie
Kierownik: prof. dr W.Zawadowski i z III Kliniki Chorob Wewnetrznych
Akademii Medycznej w Warszawie. Kierownik: prof. dr J.R.Wegierko.

(AORTA, abnormalities,
dilat. of arch)

(ABNORMALITIES,
dilat of aortic arch)

NOWOTNA-WALCOWA, Roza

~~REDACTED~~
First results of therapy with triethylene melamine. Polski tygod.
lek. 10 no.5:149-151 1 Feb 55.

1. Z III Kliniki chor. wewn.; kier. prof. dr. J.Wegierko.

(TRIETHYLENE MELAMINE, ther. use
leukemia & leukosarcoma, results)

(LEUKEMIA, therapy
triethylene melamine, results)

(LEUKOSARCOMA, therapy
triethylene melamine, results)

HOWOTTA-KALOMA, Rzsa

The effect of diet on arteriosclerosis changes in rabbits with
alloxan diabetes. Pol. arch. med. wetnet. 34 n. 2 p. 131-132 '64

I. F. III Kliniki Chorob krewiennych Akademii Medycznej w
Warszawie (Kierownik: prof. dr. med. T. Ludek-Lednicki).

HOWOTNA-WALCOWA, Roza

Effect of post-insuline comatose convulsive states of circulation
with special reference to electrocardiographic changes. Polskie
arch. med. wewn. 25 no.1:45-58 1955.

1. z III kliniki chor. wewn. A.M. w Warszawie; kier. prof. dr. med.
J.Wegierko.

(BLOOD CIRCULATION
eff. of post insuline comatose convulsive state)

(SHOCK THERAPY, INSULIN, effects
of blood circ., ECT changes)

(ELECTROCARDIOGRAPHY
changes after insuline shock ther.)

OKNINSKI, Wladyslaw; NOWOTNA-WALCOWA, Roza

Coronary diseases in diabetic patients & their relation to type
of therapy. Polski tygod. lek. 14 no.5:236-238 2 Feb 59.

l. (z III Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik:
prof. dr med. E. Kodejazko) Adres: Warszawa, ul. Oczki 6, III Klin.
Chor. Wewn. A.M.

(CORONARY DISEASE, etiol. & pathogen.
relation of type of ther. in diabetes mellitus (Pol))
(DIABETES MELLITUS, comml.
coronary dis., relation to type of ther. (Pol))

NOWOTNA-WALCOWA, Roza

Determination of blood adrenal in level using Shaw's method in insulin hypoglycemia. Polskie arch. med. wewn. 39 no.1:19-24 1959.

I. z III Kliniki Chorob Wewnetrznych Akademii Medycznej w Warszawie
Kierownik: prof. dr nauk med. J. Wegierko. Adres autora: Warszawa,
III Klinika Chorob Wewnetrznych, Oczki 6.)

(HYPERINSULINISM, blood in,
epinephrine, determ. (Pol))

(EPINEPHRINE, in blood,
in hyperinsulinism, determ. (Pol))

GASIOROWSKI,Wiktor ; KLOTT,Maria ; NOWOTHA-WALCOWA,Roza

A case of idiopathic pulmonary hemosiderosis. Polski tygod.
lek. 15 no.19:724-726 9 My '60.

l. z III Kliniki Chorob Wewnętrznych A.M. w Warszawie; kierownik:
prof. dr. E. Kodejszko i z XI Oddziału Instytutu Gruźlicy; kierownik:
doc. dr. P. Krakowka.
(HEMOSIDEROSIS case reports)
(LUNG DISEASES case reports)

NOWAKOWIAK, K.

The possibilities of the application of the modified polyacrylic resin for printing
printing on cotton and viscose fabrics. Silvotyn Lab.

p. (Krzysztof Wleśniewicz. Vol. 10, no. 7, July 1958. Łódź, Poland)

Monthly Index of East European Accessions (MIE) Vol. 7, no. 2,
February 1958

BANGA, I.; NOWOTNY, A.

Comparative studies about adenosinetriphosphatase activity of human
muscles, aorta and arteria femoralis. Acta physiol. hung. 2 no.3-4:
317-325 1951. (CIML 22:1)

I. Of the Medical Chemistry Institute of Budapest University.

BALOGH, I.; NOWOTNY, A.

Change of the ATP -ase activity and elastin content of the arterial wall
in consequence of arteriosclerosis. Acta physiol. hung. 2 no.3-4:327-
331 1951.
(CMLL 22:1)

I. Of the Institute of Pathological Anatomy and Experimental Cancer Research of Budapest University.

CA

1/17

Activation energy of the enzymic solution of elastin
I. Banga and A. Nowotny (Univ. Budapest). Z. Vidawetz,
Hormon. = Fermentiforich 4, 54 (1951) (in English), 16
preceding article. The measured activation energy was
about 21,000 cal./mole. The effect of elastase appears to
be to split H bonds. Erich Hirschberg

HOWOTHEY, A.

Applications of filter paper electrophoresis. Acta physiol. hung.
3 no.2:469-486 1952. (CLML 24:3)

l. Of the Central Research Institute of the Hungarian Blood Service,
Budapest.

MILTENYI, M.; NOWOTNY, A.

Diagnostic significance of paper electrophoresis of serum albumin.
Orv. hetil. 94 no. 1:17-22 4 Jan 1953. (CLML 24:1)

1. Doctors. 2. Second Pediatric Clinic (Director -- Prof. Dr. Geza Petenyi), Budapest Medical University and Central Blood Bank and Research Institute (Director -- Dr. Balint Sores), National Blood Bank Service.

NOWOTNY A.

Zentrales Blutspende- und Forsch., Inst., Budapest. "Physiko-chemische Untersuchung der Stroma der Erythrozyten der A, B, O, und AB Blutgruppen, mit besonderer Hinsicht auf ihre Antigene. Physico-chemical investigation of the stroma of erythrocytes of groups A, B, O and AB, with special reference to antigens ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (16-17)

SO: EXERPTA MEDICA, Section II Vol. 7 No. 11

Nowotny A.

✓ 8542. A physico-chemical study of the A and B group red cell stroma. A. Nowotny *Acta physiol. Acad. Sci. hung.* 1955, 7, 31-43. Ultrasonic irradiation increases the antigenic activity of r.b.c. stroma. Stroma is sol. in 0.002x NaOH as proved by electron microscopy. In alkali the relative viscosity and pH decrease while activity of the stroma increases. All these changes are very rapid. The stroma soln. has a mean mol. wt. of 5 million as determined by a dynamic colloid-osmometer. The isoelectric point of stroma A is lower than that of stroma B. According to potentiometric titration stroma A contains more acid, B more alkaline, amino acids. Paper chromatography showed more glutamic acid present in stroma A and more arginine and glycine in stroma B. No evidence was found for the presence of sugar. The electrophoretic mobility at pH 8.5 of stroma A is greater than that of stroma B. It is concluded that the group-specificity of erythrocytes is a protein bound property. (Hungarian) A. B. L. Bezvárh

NOWOTNY, A.

Studies on the chemical structure of A, B and O blood group antigens. I. Physico-chemical examination of the A and B group red cell stroma. Acta physiol.hung. 7 no.1-2:33-43 1955.

1. Central Research Institute of the Hungarian Blood Service,
Budapest.

(BLOOD GROUPS,

A & B, erythrocytic stroma in, phys. & chem. aspects)
(ERYTHROCYTES,

stroma in blood groups A & B, phys. & chem. aspects)

Nowotny, A.

✓ 8591. Effect of proteolytic enzymes on blood group antigens of erythrocyte membrane. Chemical structure of A, B and O blood group antigens II. A. Nowotny. *Acta physiol. Acad. Sci. hung.*, 1955, 8, 25-31. - Solutions of stroma, washed stroma and washed erythrocytes (*ibid.*, 1955, 7, 31) were digested with pure papain, pepsin, and trypsin and their antigenic activity determined. Both group specificity and antigenic activity are reduced by proteinase action. Under identical conditions A stroma loses 50%, B stroma 80% of its antigenic activity. Digestion of AB stroma with papain converts it to A stroma by destroying its B property. The rate of proteolysis is equal in both groups, but while the rate of inactivation of antigen runs parallel with proteolysis in stroma B, in stroma A inactivation is a much slower process. pH optimum with papain for A stroma was 4.2, and for B stroma 6.1, indicating a difference between the isoelectric points of the two antigens.

A. B. L. BEZNÍK.

IVUWOT NY. it.
EXCERPTA MEDICA Sec.2 Vol.9/10 Physiology,etc. Oct56

4696. NOWOTNY A. and BACKHAUSZ R. Zentr. Forschungsinst., Ungarischer Bluttransfusionsdienst, Budapest. *Partieller Abbau der roten Blutkörperchenmembran. Partial breakdown of the erythrocyte membrane ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 9/suppl. (15-16)

Inactivation of the antigen is based on the scission of peptide bonds.

Hasché - Jönköping

NOWOTNY, Alajos, dr.; SZTUDINKA, Gyula

Modified preparation of cephalin-cholesterol antigen and
experiences on its use in liver function tests. Orv. hetil.
97 no.8:220-222 19 Feb 56.

1. Az Orszagos Vertramesfusios Szolgalat Kozponti Kutato
Intezetenek (igazgato: Sores, Balint dr.) kozlemenye.
(LIVER FUNCTION TESTS
cephalin-cholesterol flocculation, prep. of
antigen & test results. (Hun))

H/008/60/013/012/003/008
B009/B057

AUTHOR: Nowotny, Cornel

TITLE: Heat Exchangers in the Chemical Industry

PERIODICAL: Energia és Atomtechnika, 1960, Vol. 13, No. 12, pp. 542-548

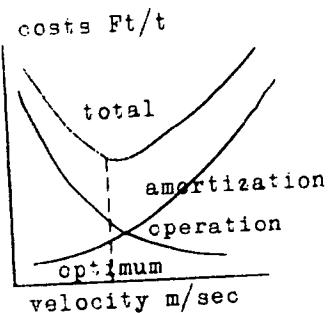
TEXT: This paper is a synopsis of a lecture delivered at the Conference on Industrial Power Economy in October 1959, and deals with the basic theoretical and practical aspects of the subject matter. A classification of heat exchangers is first given on the basis of their functioning: heaters (evaporators, boilers, reboilers); coolers (plain coolers, condensers - jet and surface type), back-coolers; heat exchangers proper, where both fluids take part in the chemical process (recuperators, regenerators), or where a solid material is fluidized. Heat exchangers are then classified according to their buildup: spiral, shell tube, and pin tube, vertical and horizontal type; according to the direction of fluid circulation: uniflow, counter-flow, and cross-flow heat exchangers. The basic theory of heat transfer is outlined, and the conventional

Card 1/3

Heat Exchangers in the Chemical Industry

E/008/60/013/012/003/008
B009/B057

equations of heat transfer, heat transfer coefficient, and pressure drop are given. The influence of pressure drop on dimensions and on the choice of flow velocity is investigated, and formulas are recommended for the calculation of the economical pressure drop. Computed values are plotted in graphs. The minimum of the curve of total costs corresponds to the optimum flow velocity. The gas velocity is from 3 to 6 m/sec. The velocity of liquids depends on their viscosity; extreme values are 2m/sec and 0.2 m/sec. Construction materials for heat exchangers are steel, at very low and at high temperatures high-alloy steels, at extremely high temperatures ceramic materials. Where chemically or corrosion-resistant materials are required acid-proof or stainless steel, passive metals or coatings of such metals are used. High pressure and corrosive fluids are generally circulated inside the tubes. Graphs show the reduction of the costs of tubes with their



Card 2/3

Heat Exchangers in the Chemical Industry

H/008/60/013/012/003/008
B009/B057

length or with the heating or cooling surface and the increase of their costs with the tube diameter and with the working pressure. There are 6 figures.

ASSOCIATION: Végyműveket Tervező Vallalat (Enterprise for Chemical Plant Design)

✓

Card 3/3

NOWOTNY, Kornel

Achievements of our machinery industry in developing Hungary's
nitrogen industry, Magy kem lap 15 no.5/6:256-260 My-Je '60.

1. Vegyimuveket Tervezo Vallalat.

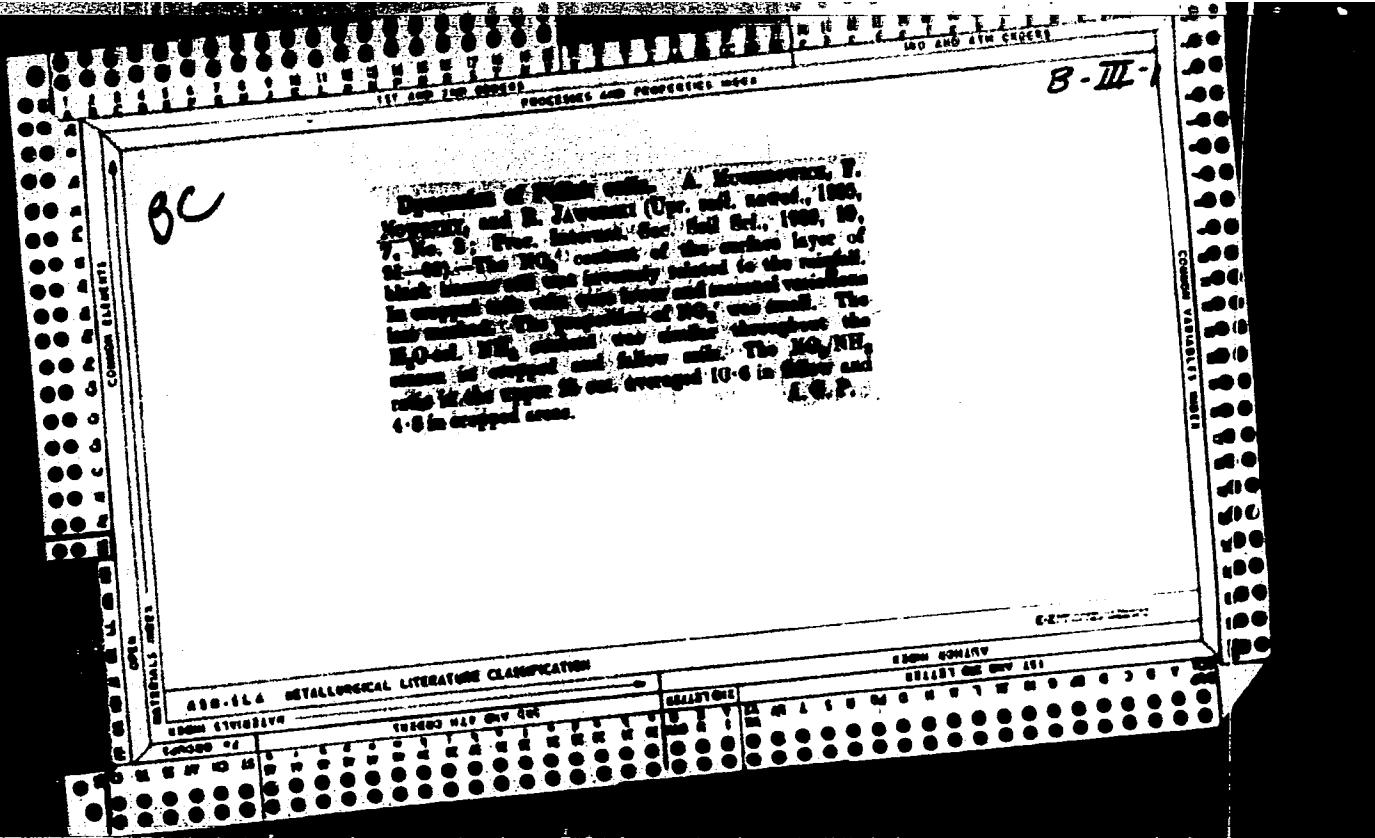
NOWOTNY, Cornel

Cylinder oil-free piston-machines. Magy kem lap 17 no.t:
263-270 Je '62.

1. Veggimuveket Tervezo Vallalat.

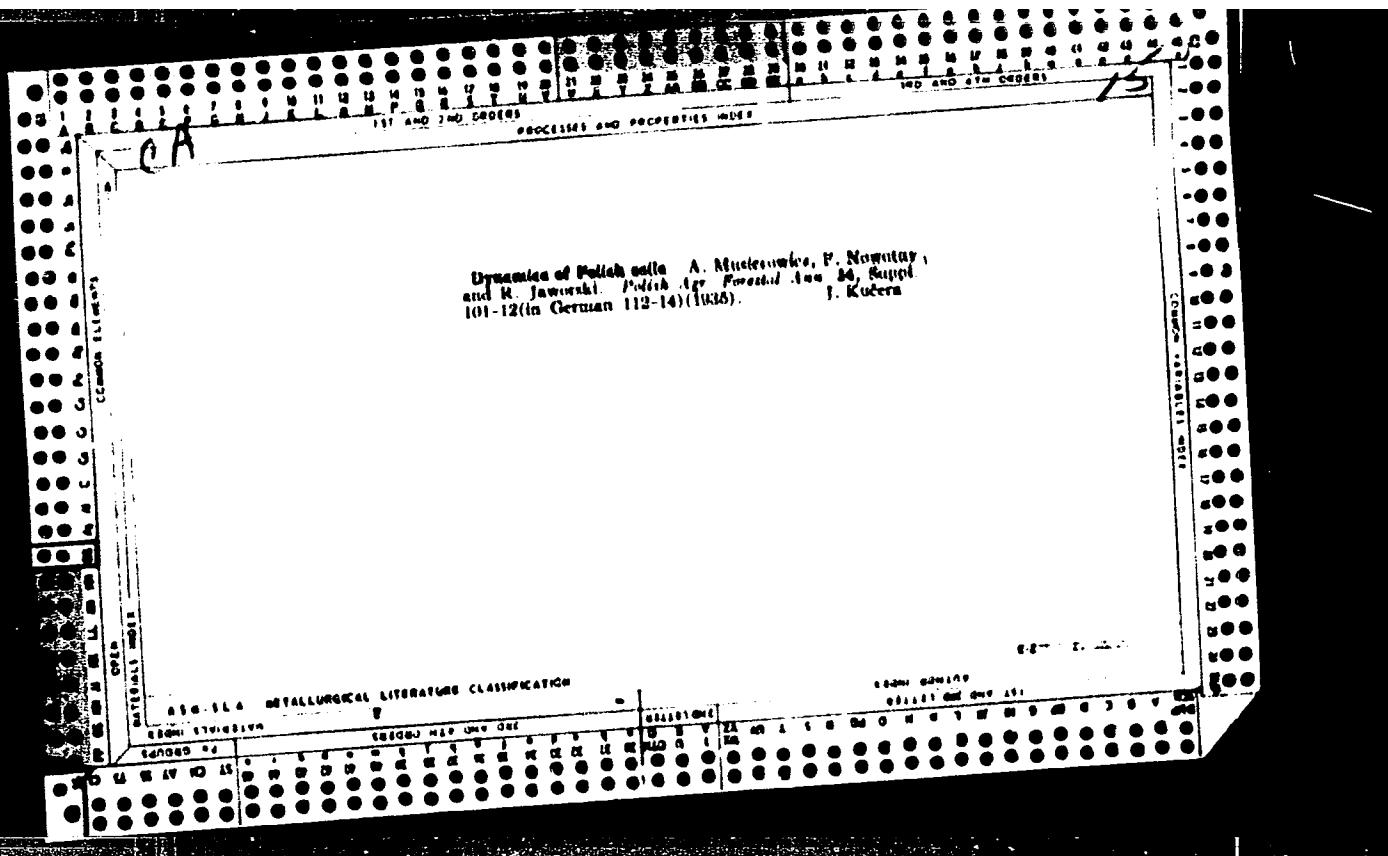
NOWOTNY, Cornel

"Heat engineering calculation of steam boilers and firing installations" by Friedrich Nuter. Reviewed by Cornel Nowotny. Sep 16 no. 3:110 Mr '64.



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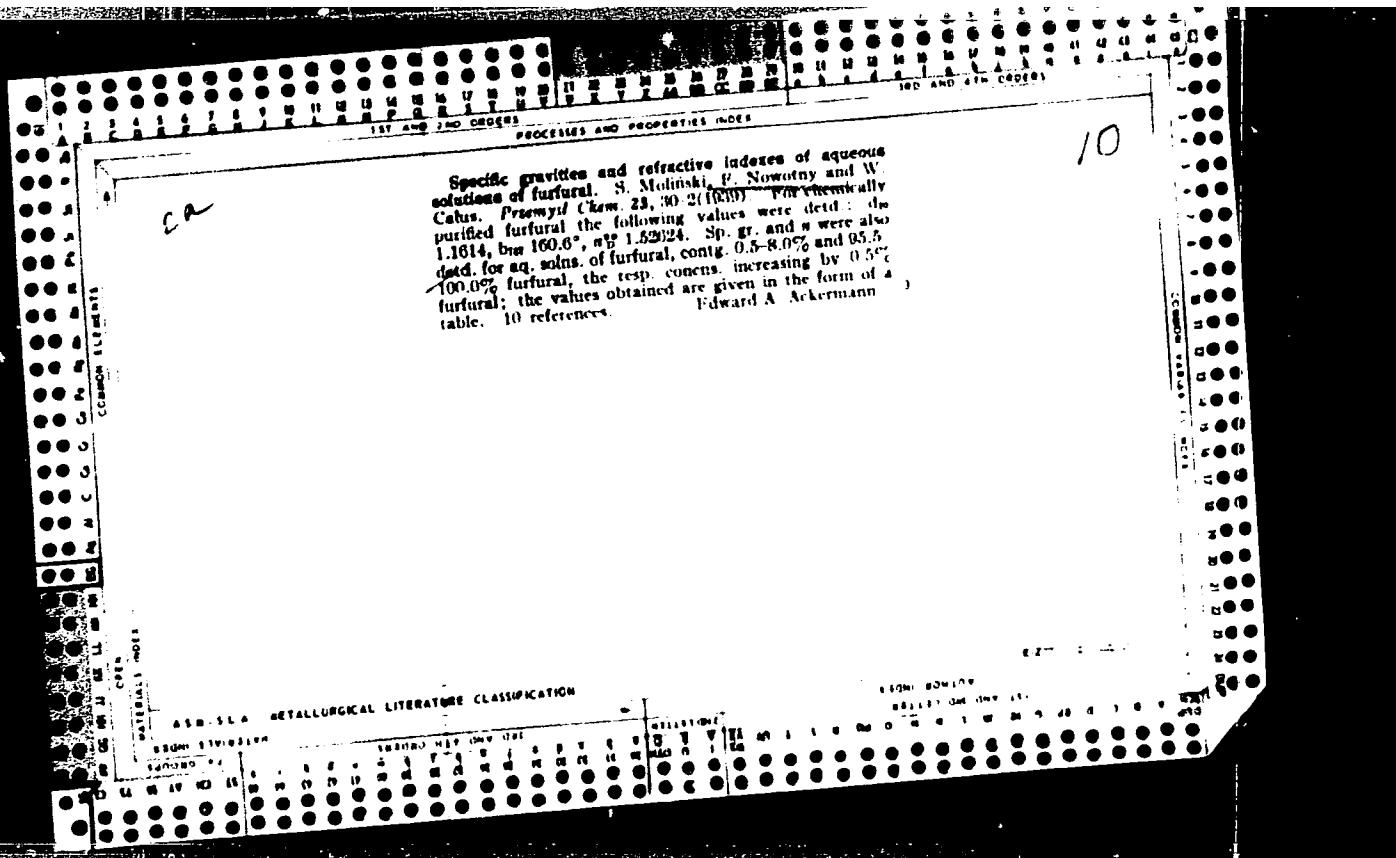
The influence of malt and barley amylase on natural, not pasted starch. Franciszek Nowotny, *Polish Agr. Forest Ann.* 45, 1-30 (Dr. Gerlach's M-8) (1934). - Amylolytic effect of barley-corn exts., as well as of fresh barley-malt exts., and also of barley-malt exts. which were heated for 1 hr. to 68°, on natural, not pasted, potato, rye, wheat, barley, rice, maize, "marantha" and "arrowroot" starches was examined. The investigations were performed by analyzing the solns. after hydrolysis as well as the unhydrolyzed residues. Expts. were made concerning the effect of barley-malt exts. on the largest and the smallest grains of potato and wheat starch. Also the effect of sp. amylases on grains of rye, wheat, barley and maize starch was studied. It was established that at room temp. all the above-mentioned exts. hydrolyze natural starch very slowly. The degree of chem. decompn. depends on the kind of the starch and its origin, also on the grain size of the starch, the nature of the amylolytic ext. and its intensity, finally on the duration of action and the temp. It was found that a freshly prepd. malt ext. hydrolyzes the smallest grains of potato and wheat starch more quickly than the larger ones. Sp. amylase exerts on the starch a much greater effect than nonsp. amylase. Based on the

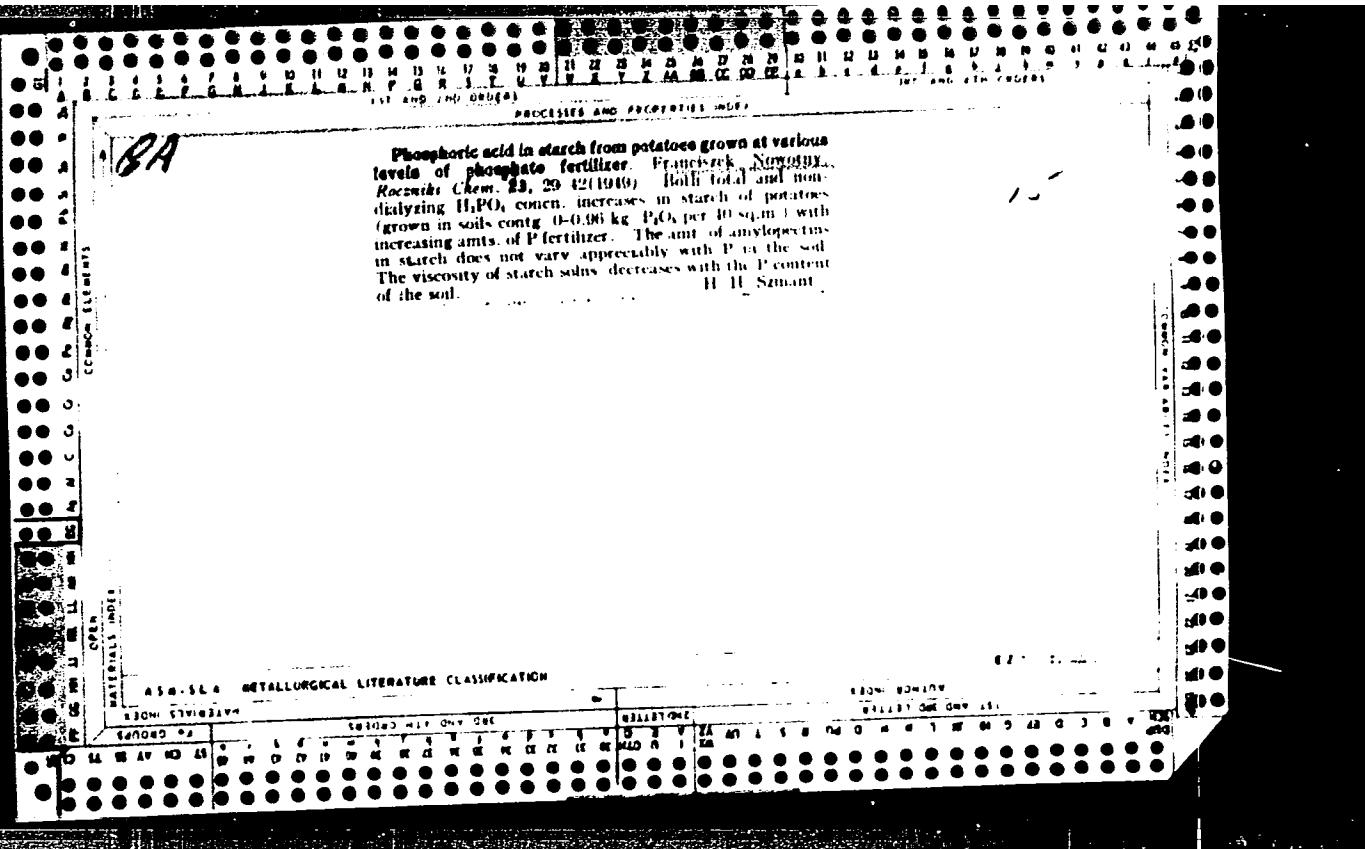
course of hydrolysis at room temp. and also at 30° and 60°, N. classifies the examined kinds of starch into 3 groups: (1) the kinds of starch which are hydrolyzed most rapidly (rye, wheat, barley and maize starch); (2) the kinds of starch which are hydrolyzed more slowly (rice, "marantha" and "arrowroot" starch); (3) the very slightly hydrolyzable potato starch. It is possible that this classification is a result of the differences in the grain size of the various kinds of starch. From the 3 examined exts.,

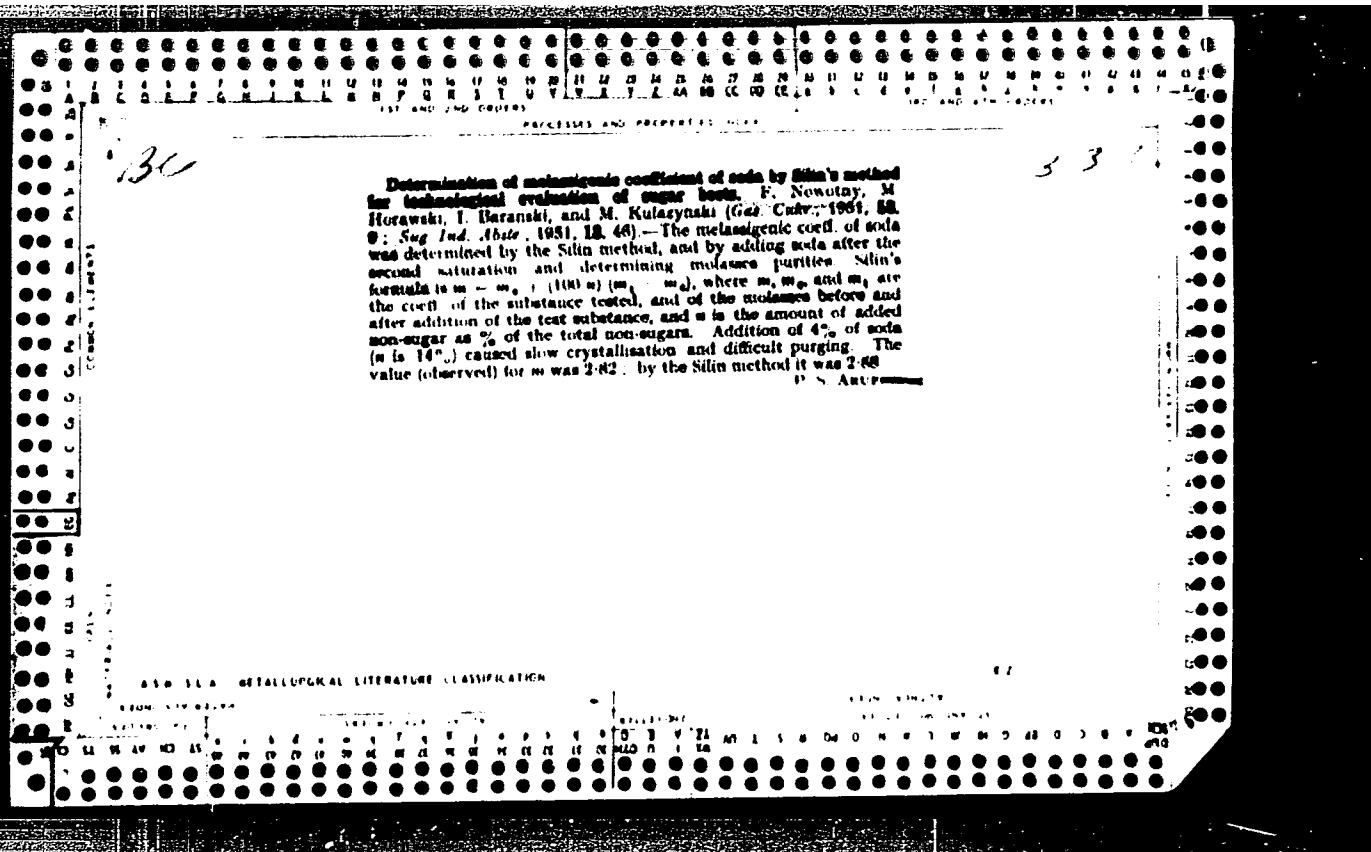
the activity of the barley ext. is the smallest, whereas the fresh as well as the heated malt ext. has a good effect. Hydrolysis of not pasted starch lasts much longer than hydrolysis of the same starch in pasted state, the former often consumes several days, the latter a max. of 1 hr. The increase of temp. promotes the rate of hydrolysis of natural starch. Seventeen references. Edward A. Ackermann

ASG-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM SOURCE		SEARCHED AND INDEXED		CLASSIFIED		FILED	
140000	14	S	E	F	U	1	2







Nowotny F

Preparation of the pectin enzyme complex for the clarification of fruit juices. P. Nowotny and W. Redłowski (Główny Inst. Przemysłu Przyrodywego, Kraków, Poland). *Acta Microbiol. Polon.* 2, 229-31 (1953) (English summary). —*Aspergillus niger* produced the greatest amt. of pectinase of all the investigated molds. Other pectinase-producing species, listed in the order of decreasing activity, were: *A. fumigatus*, *A. wentii*, *A. oryzic*, and *A. flavus*. The production of the enzyme was most vigorous on substrates contg. pectin and a suitable source of N. For practical purposes sugar-beet residue was found to be a suitable medium. The greatest amt. of the enzyme was produced after 2-4 days of incubation at 20-35°. The prep'd. enzyme clarified apple juice in 1-1½ hrs. at 18° in the concn. of 1 g./l. The mushroom-like odor and taste of the prep'n. could be eliminated by heating at 100-110° for 15-30 min. or by adding 0.6-1.0% of activated charcoal. Good results were also obtained by the combination of the two methods. Alina S. Szczesniak

NOWOTNY, F.

(3)

2660

664.22

✓ Nowotny F., ✓ Pojnar E., ✓ Pałasiński M. Starch Globules in Relation to
the Size of Potato Tubers.

„Uzarnienie skrobi w ziemniakach w zależności od wielkości tch
bulwy”. Przemysł Rolny i Spożywczny. No. 3, 1953, pp. 99—101, 2 tab.

It has been proved that the proportion of large and small starch
globules in potato tubers depends upon the size of the tubers. By se-
lecting the tubers according to 3 sizes, the influence of phosphorus
and potassium, chosen from among various fertilizers, was found dis-
tinctly positive. Large tubers contain a higher percentage of large
starch globules exceeding 35 microns. When selecting potatoes for the
starch industry, the size of tubers, as well as the starch content
should be taken into consideration.

Polish Technical Abst.
No. 1 1954
Agriculture, Food Processing
Industry, Forestry, Fisheries

NOWOTNY, F.; RZEDOWSKI, W.

"Exact Determination of Gaseous Acids in Wines." p.291
(PRZEMYSŁ ROLNY I SPOŻYWCZY Vol. 7, no. 8, August 1953 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

Vitaminization of fruit juices with ascorbic acid. Maria Kropff, Franciszek Nowotny, and Wieslaw Rzedowski. Prace Glosowego Inst. Przemyslu Rolnego i Spalarnego 4, No. 2, 1-5(1954) (English summary).—Effect of the following factors on stability of ascorbic acid added to apple juice was examined: ascorbinase, pasteurization, light and heavy metals, deaeration, and SO_2 treatment. Pasteurization results in a 6-15% loss. Losses on 2-mo. storage in glass bottles amounted to 70%. They could be reduced to 44.9% by the use of brown glass. Aerobic storage for 3 mos. showed a 25% loss in ascorbic acid. Sulfiting reduced loss on 2-mo. storage from 49.5 to 30.4%. Cu and its salts had no adverse effect. — Alina S. Szczesniak

(2)

NOWOTNY, F.

Possibility of substituting lactic acid for citric acid in the production of wine. I. Nowotny, W. Radlowski, and M. Kropowka (Główny Instytut Przemysłu Rolnego i Spożywczego, Kraków, Poland). *Przemysł Rolny i Spożywczy* 8, 122-4 (1954) (English summary).—Lactic acid is a perfect substitute for citric acid for acidification of fruit juices in the production of wine. Its added, results in milder flavor and better harmonized bouquet. W. Szybalski